

10/589619

IAPS Rec'd PCT/PTO 16 AUG 2006

Docket No.: 067471-0124

PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of : Customer Number: 20277  
: Confirmation Number: Not Yet Assigned  
Shinji YOSHIDA, et al. : Group Art Unit: Not Yet Assigned  
Application No.: Not Yet Assigned : Examiner: Not Yet Assigned  
Filed: August 16, 2006 :  
For: INFRARED IMAGING ELEMENT

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the provisions of 37 C.F.R. 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached form PTO-1449. It is respectfully requested that the references be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is being filed with the application and no certification or fee is required.

A copy of the foreign search report is attached for the Examiner's information. Please note this is a PCT application in the entry of the National Phase in the U.S. and copies of the references cited were transmitted by WIPO and are believed to be in the file of the above identified application and readily available to the Examiner. Therefore it is believed that Applicants have met all requirements regarding duty of disclosure under 37

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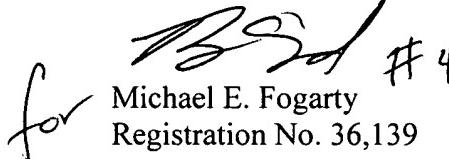
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CFR 1.56. Acknowledgement and consideration of these documents are respectfully requested.

Since the Search Report was from the JPO search authorities, copies of these references should have been supplied to the USPTO under the trilateral agreement and are believed to be in the file of the above identified application and readily available to the Examiner. However, to ensure that these references are available to the Examiner, we are providing copies of these references herewith.

Respectfully submitted,

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**Date: August 16, 2006**

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INFORMATION DISCLOSURE  
CITATION IN AN  
APPLICATION

(PTO-1449)

ATTY. DOCKET NO.  
**067471-0124**

SERIAL NO.

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APPLICANT **IAPG RECO LTD/PTO SHIMIZU/KOSHIDA, et al.** DATE **16 AUG 2006**

FILING DATE  
**August 16, 2006**

GROUP  
**Not Yet Assigned**

U.S. PATENT DOCUMENTS

EXAMINER'S INITIALS	CITE NO.	Document Number Number-Kind Code <sub>2</sub> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US <b>6,984,856 B1</b>	<b>01/10/2006</b>	Ikegawa et al.	Corresponds to US 7,015,472 B2, US 2005/0139774 A1, and JP 2003-279409
		US <b>7,015,472 B2</b>	<b>03/21/2006</b>	Ikegawa et al.	Corresponds to US 6,984,856 B1, US 2005/0139774 A1, and JP 2003-279409
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		US <b>2002/0139776 A1</b>	<b>10/03/2002</b>	Tsuchiya et al.	Corresponds to JP 2002-284529
		US <b>2002/0139784 A1</b>	<b>10/03/2002</b>	Tsuchiya et al.	Corresponds to JP 2002-289931
		US <b>6,432,474 B1</b>	<b>08/13/2002</b>	Nakanishi et al.	Corresponds to JP 2000-95522
		US <b>6,329,696 B1</b>	<b>12/11/2001</b>	Tanaka	Corresponds to JP 11-4023
		US <b>2003/0054615 A1</b>	<b>03/20/2003</b>	Kim et al.	Corresponds to JP 2003-101018
		US <b>6,489,613 B1</b>	<b>12/03/2002</b>	Mori et al.	Corresponds to JP 2000-143243
		US <b>6,713,763 B2</b>	<b>03/30/2004</b>	Yoshitake et al.	Corresponds to JP 2003-42840
		US <b>6,710,306 B2</b>	<b>03/23/2004</b>	Hahn et al.	Corresponds to JP 2002-284539

FOREIGN PATENT DOCUMENTS

EXAMINER'S INITIALS	CITE NO.	Foreign Patent Document Country Code <sub>3</sub> -Number 4- Kind Codes (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Figures Appear	Translation Yes No
		JP <b>2003-279409</b>	<b>10/02/2003</b>	TOKYO SHIBAURA ELECTRIC CO	Corresponds to US 6,984,856 B1, US 7,015,472 B2, and US 2005/0139774 A1	JAPAN (w/ English Abstract)
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		JP <b>11-183259</b>	<b>07/09/1999</b>	SHARP KK		JAPAN (w/ English Abstract)
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		JP <b>2002-289931</b>	<b>10/04/2002</b>		Corresponds to US 2002/0139784 A1	X
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		JP <b>6-58821</b>	<b>03/04/1994</b>	NIPPON ELECTRIC CO		JAPAN (w/ English Abstract)
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		JP <b>2002-284539</b>	<b>10/03/2002</b>		Corresponds to US 6,710,306 B2	X

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER'S INITIALS	CITE NO.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	
		Tokura, Y. "Strongly-correlated Electron and Oxide" World of Physics, Various Kinds of Material Systems, Iwanami Shoten, November 28, 2002, pp. 16, 17, 22, 23, 32, and 33.	
EXAMINER		DATE CONSIDERED	